

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION**

**Inventor(s):** Haskell et al.

**Docket No.:** 113030Con

**Application No.:** Cont. of 09/236,462

**Filing Date:** September 15, 2003

**Examiner Name:** Not Yet Assigned

**Group Art Unit:** Not Yet Assigned

**Title:** Systems and Methods For Playing, Browsing And Interacting With  
MPEG-4 Coded Audio-Visual Objects

**MAIL STOP: Patent Application**  
**THE COMMISSIONER FOR PATENTS**  
**PATENT & TRADEMARK OFFICE**  
**P.O. BOX 1450**  
**ALEXANDRIA, VA 22313-1450**

**SIR:**

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08A. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56(b).

- ☒ 1. This information disclosure statement is being filed within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); within three months of the date of the entry of the national stage as set forth in §1.491 in an international application; before the mailing of a first Office action on the merits; or before the mailing of a first Office action after the filing of a request for continued examination under §1.114. No certification or fee is required. (37 C.F.R. §1.97(b)).
- ☐ 2. This information disclosure statement is being filed more than three months after the filing date of a national application other than a continued prosecution application under §1.53(d); more than three months after the date of the entry of the national stage as set forth in §1.491 in an international application, after the mailing date of a first Office action on the merits, or after the mailing of a first Office action after the filing of a request for continued examination under §1.114, but before the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311 or an action that otherwise closes prosecution in the application. (37 C.F.R. §1.97(c)).

☒ a. I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(1)).

☐ b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and to my knowledge after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(2)).

☐ c. Please debit Deposit Account No. 01-2745 in the amount of \$180.00 to cover the fee under 37 C.F.R. §1.17(p) and to ensure consideration of the disclosed information.

☐ 3. This information disclosure statement is being filed after the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311, or an action which otherwise closes prosecution, whichever occurs first, but on or before payment of the Issue Fee. (37 C.F.R. §1.97(d)).

☐ a. I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97(e)(1)).

☐ b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97(e)(2)).

☐ c. Please debit Deposit Account No. 01-2745 in the amount of \$180.00 to cover the fee under 37 C.F.R. §1.17(p) and ensure consideration of the disclosed information.

☒ The Examiner attention is drawn to the related patent applications cited in Paragraph 4 of the Information Disclosure Statement filed January 27, 2000 in the parent patent application.

Respectfully,

Date: 9/15/2003

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110

By: Thomas M. Isaacson

Thomas M. Isaacson, Attorney

Reg. No.: 44166

T: 410-414-3056

F: 410-510-1433

|   |    |                    |  |  |                 |   |                               |
|---|----|--------------------|--|--|-----------------|---|-------------------------------|
| Form PTO-1449 (STL MODIFIED)      US Dept. of Commerce<br>(REV. 1-84)      3-83)      PATENT & TRADEMARK OFFICE   |    |                    |  | ATTY DOCKET NO.<br><del>102067</del><br>113030 <i>con</i>        |                 | APPLICATION NO. <i>Cont. of</i><br>09/236,462 |                               |
| INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary)   |    |                    |  | APPLICANT<br>Barin G. HASKELL et al.                             |                 |   |                               |
|   |    |                    |  | FILING DATE<br><del>January 25, 1999</del> <i>Sept. 15, 2003</i> |                 | GROUP<br>2756                                 |                               |
| U.S. PATENT DOCUMENTS   |    |                    |  |  |                 |   |                               |
| *EXAMINER<br>INITIAL  |    | DOCUMENT<br>NUMBER | DATE   | NAME   | CLASS           | SUB<br>CLASS                                  | FILING DATE IF<br>APPROPRIATE |
|   | AA | 5,499,358          | 03/96  | Nevarez  |                 |   |                               |
|   | AB | 5,563,648          | 10/96  | Menand et al.  |                 |   |                               |
|   | AC | 5,574,905          | 11/96  | deCarmo  |                 |   |                               |
|   | AD | 5,586,121          | 12/96  | Moura et al.   |                 |   |                               |
|   | AE | 5,596,565          | 01/97  | Yonemitsu et al.   |                 |   |                               |
|   | AF | 5,684,804          | 11/97  | Baronetti et al.   |                 |   |                               |
|   | AG | 5,694,334          | 12/97  | Donahue et al.   |                 |   |                               |
|   | AH | 5,696,500          | 12/97  | Diem   |                 |   |                               |
|   | AI | 5,708,659          | 01/98  | Rostoker et al.  |                 |   |                               |
|   | AJ | 5,732,256          | 03/98  | Smith  |                 |   |                               |
|   | AK | 5,737,595          | 04/98  | Cohen et al.   |                 |   |                               |
| FOREIGN PATENT DOCUMENTS  |    |                    |  |  |                 |   |                               |
|   |    | DOCUMENT<br>NUMBER | DATE   | COUNTRY  | CLASS           | SUB<br>CLASS                                  | TRANSLATION                   |
|   |    |                    |  |  |                 |   | YES      NO                   |
|   | AL |                    |  |  |                 |   |                               |
|   | AM |                    |  |  |                 |   |                               |
|   | AN |                    |  |  |                 |   |                               |
|   | AO |                    |  |  |                 |   |                               |
|   | AP |                    |  |  |                 |   |                               |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)  |    |                    |  |  |                 |   |                               |
|   | AR |                    | A. Basso et al., "Improved Data Access and Streaming Modes for the MPEG-4 File Format", pp. 1-12   |  |                 |   |                               |
|   | AS |                    | J. Heid, "Watch This: Streaming Video on Your Web Site", <u>MACWORLD</u> , April 1998, pp. 109-112 |  |                 |   |                               |
|   | AT |                    | A. Griffin, "Video on the Net", <u>Popular Mechanics</u> , March 1998, pp. 51-53                   |  |                 |   |                               |
| EXAMINER  |    |                    |  |  | DATE CONSIDERED |   |                               |
| *Examiner:<br><br>Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |                    |  |  |                 |   |                               |

|   |    |                    |   |  |                 |   |                               |
|---|----|--------------------|---|--|-----------------|---|-------------------------------|
| Form PTO-1449 (STL MODIFIED)      US Dept. of Commerce<br>(REV. 1-84)      3-83)      PATENT & TRADEMARK OFFICE   |    |                    |   | ATTY DOCKET NO.<br><del>102067</del> 113030 Con                  |                 | APPLICATION NO. <i>Con. 8</i><br>09/236,462 |                               |
| <b>INFORMATION DISCLOSURE STATEMENT</b><br>(Use several sheets if necessary)  |    |                    |   | APPLICANT<br>Barin G. HASKELL et al.                             |                 |   |                               |
|   |    |                    |   | FILING DATE<br><del>January 25, 1999</del> <i>Sept. 15, 2002</i> |                 | GROUP<br>2756                               |                               |
| <b>U.S. PATENT DOCUMENTS</b>  |    |                    |   |  |                 |   |                               |
| *EXAMINER<br>INITIAL  |    | DOCUMENT<br>NUMBER | DATE  | NAME   | CLASS           | SUB<br>CLASS                                | FILING DATE IF<br>APPROPRIATE |
|   | AA | 5,737,599          | 04/98   | Rowe et al.  |                 |   |                               |
|   | AB | 5,754,242          | 05/98   | Ohkami   |                 |   |                               |
|   | AC | 5,774,664          | 06/98   | Hidary et al.  |                 |   |                               |
|   | AD | 5,794,250          | 08/98   | Carino, Jr. et al.   |                 |   |                               |
|   | AE | 5,818,845          | 10/98   | Moura et al.   |                 |   |                               |
|   | AF | 5,848,410          | 12/98   | Walls et al.   |                 |   |                               |
|   | AG | 5,852,714          | 12/98   | Tseng et al.   |                 |   |                               |
|   | AH | 5,875,303          | 02/99   | Huizer et al.  |                 |   |                               |
|   | AI | 5,886,743          | 03/99   | Oh et al.  |                 |   |                               |
|   | AJ | 5,893,091          | 04/99   | Hunt et al.  |                 |   |                               |
|   | AK | 5,894,310          | 04/99   | Arsenault et al.   |                 |   |                               |
| <b>FOREIGN PATENT DOCUMENTS</b>   |    |                    |   |  |                 |   |                               |
|   |    | DOCUMENT<br>NUMBER | DATE  | COUNTRY  | CLASS           | SUB<br>CLASS                                | TRANSLATION<br>YES    NO      |
|   | AL |                    |   |  |                 |   |                               |
|   | AM |                    |   |  |                 |   |                               |
|   | AN |                    |   |  |                 |   |                               |
|   | AO |                    |   |  |                 |   |                               |
|   | AP |                    |   |  |                 |   |                               |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>   |    |                    |   |  |                 |   |                               |
|   | AR |                    | L. Chiariglione, "MPEG and Multimedia Communications", <u>IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY</u> , Vol. 7, No. 1, February 1997, pp. 5-18               |  |                 |   |                               |
|   | AS |                    | Y. Fang et al., "Adding Bitstream Input/Output Library in Java", <u>INTERNATIONAL ORGANIZATION FOR STANDARDIZATION</u> , ISO/IEC JTC1/SC29/WG11 MPEG97/M2063, April 1 1997, pp. 1-6 |  |                 |   |                               |
|   | AT |                    | A. Puri et al., "APIs for MPEG-4 Systems", <u>INTERNATIONAL ORGANIZATION FOR STANDARDIZATION</u> , ISO/IEC JTC1/SC29/WG11 MPEG97/2133, April 1997                                   |  |                 |   |                               |
| EXAMINER  |    |                    |   |  | DATE CONSIDERED |   |                               |
| *Examiner:<br><br>Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |                    |   |  |                 |   |                               |

| Form PTO-1449 (STL MODIFIED)      US Dept. of Commerce<br>(REV. 1-84)      3-83)      PATENT & TRADEMARK OFFICE   |    |                    |   | ATTY DOCKET NO.<br><del>102067</del> 1130306a                    |                 | APPLICATION NO. <i>Con. of</i><br>09/236,462 |                               |
|---|----|--------------------|---|--|-----------------|--|-------------------------------|
| <b>INFORMATION DISCLOSURE STATEMENT</b><br>(Use several sheets if necessary)  |    |                    |   | APPLICANT<br>Barin G. HASKELL et al.                             |                 |  |                               |
|   |    |                    |   | FILING DATE<br><del>January 25, 1999</del> <i>Sept. 15, 2003</i> |                 | GROUP<br>2756                                |                               |
| <b>U.S. PATENT DOCUMENTS</b>  |    |                    |   |  |                 |  |                               |
| *EXAMINER<br>INITIAL  |    | DOCUMENT<br>NUMBER | DATE  | NAME   | CLASS           | SUB<br>CLASS                                 | FILING DATE IF<br>APPROPRIATE |
|   | AA | 5,905,865          | 05/99   | Palmer et al.  |                 |  |                               |
|   | AB | 5,928,330          | 07/99   | Goetz et al.   |                 |  |                               |
|   | AC | 5,940,840          | 08/99   | Eshel et al.   |                 |  |                               |
|   | AD | 5,946,487          | 08/99   | Dangelo  |                 |  |                               |
|   | AE | 5,956,729          | 09/99   | Goetz et al.   |                 |  |                               |
|   | AF | 5,961,603          | 10/99   | Kunkel et al.  |                 |  |                               |
|   | AG |                    |   |  |                 |  |                               |
|   | AH |                    |   |  |                 |  |                               |
|   | AI |                    |   |  |                 |  |                               |
|   | AJ |                    |   |  |                 |  |                               |
|   | AK |                    |   |  |                 |  |                               |
| <b>FOREIGN PATENT DOCUMENTS</b>   |    |                    |   |  |                 |  |                               |
|   |    | DOCUMENT<br>NUMBER | DATE  | COUNTRY  | CLASS           | SUB<br>CLASS                                 | TRANSLATION<br>YES      NO    |
|   |    |                    |   |  |                 |  |                               |
|   | AL |                    |   |  |                 |  |                               |
|   | AM |                    |   |  |                 |  |                               |
|   | AN |                    |   |  |                 |  |                               |
|   | AO |                    |   |  |                 |  |                               |
|   | AP |                    |   |  |                 |  |                               |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>   |    |                    |   |  |                 |  |                               |
|   | AR |                    | A. Basso et al., "MPEG-4 Integrated Intermedia Format (IIF): Basic Specification",<br><u>INTERNATIONAL ORGANIZATION FOR STANDARDIZATION, ISO/IEC JTC1/SC29/WG11</u><br>MPEG98/M2978, January 16, 1998, pp. 1-22 |  |                 |  |                               |
|   | AS |                    | J. Laier et al., "Content-Based Multimedia Data Access in Internet Video Communication", <u>First</u><br><u>International Workshop on Wireless Image/Video Communications</u> , September 1996, pp. 126-133     |  |                 |  |                               |
|   | AT |                    | A. Eleftheriadis et al., "Stored File Format for Object-based Audio Visual Representation", pp. 1-8   |  |                 |  |                               |
| EXAMINER  |    |                    |   |  | DATE CONSIDERED |  |                               |
| *Examiner:<br><br>Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |                    |   |  |                 |  |                               |

|  |   |    |   |                          |                     |
|--|---|----|---|--------------------------|---------------------|
| Substitute for form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                     |
|  |   |    |   | Applicati n Number       | Cont. of 09/236,462 |
|  |   |    |   | Filing Date              | 09/15/2003          |
|  |   |    |   | First Named Inventor     | Haskell et al.      |
|  |   |    |   | Group Art Unit           | Not Yet Assigned    |
|  |   |    |   | Examiner Name            | Not Yet Assigned    |
| Sheet  | 4 | of | 4 | Attorney Docket Number   | 113030Con           |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |   | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant Figures Appear |
|-----------------------|--------------------------|----------------------|---|--|--|--|
|                       |                          | Number               | Kind<br>Code <sup>2</sup><br>(if known) |  |  |  |
|                       | 1                        | 6,044,397            |   | Eleftheriadis et al.                               | 3/2000   |  |
|                       | 2                        | 6,092,107            |   | Eleftheriadis et al.                               | 7/2000   |  |
|                       | 3                        | 6,269,394 B1         |   | Kenner et al.                                      | 07/2001  |  |
|                       | 4                        | 6,070,167            |   | Qian et al.  | 05/2000  |  |
|                       | 5                        | 6,320,623 B1         |   | Cavallerano et al.                                 | 11/2001  |  |
|                       | 6                        | 6,452,598 B1         |   | Rafey et al.                                       | 09/2002  |  |
|                       | 7                        | 6,081,278            |   | Chen   | 06/2000  |  |
|                       |                          |                      |   |  |  |  |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document |                      |                           | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear | T <sup>5</sup>           |
|-----------------------|--------------------------|-------------------------|----------------------|---------------------------|--|--|---|--------------------------|
|                       |                          | Office <sup>3</sup>     | Number<br>(if known) | Kind<br>Code <sup>4</sup> |  |  |   |                          |
|                       |                          |                         |                      |                           |  |  |   | <input type="checkbox"/> |
|                       |                          |                         |                      |                           |  |  |   | <input type="checkbox"/> |
|                       |                          |                         |                      |                           |  |  |   | <input type="checkbox"/> |
|                       |                          |                         |                      |                           |  |  |   | <input type="checkbox"/> |
|                       |                          |                         |                      |                           |  |  |   | <input type="checkbox"/> |
|                       |                          |                         |                      |                           |  |  |   | <input type="checkbox"/> |
|                       |                          |                         |                      |                           |  |  |   | <input type="checkbox"/> |
| Examiner<br>Signature |                          |                         |                      |                           | Date<br>Considered                                 |  |   |                          |

\*EXAMINER: Initial if referenced considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231